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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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S-E-C-R-E-T

COUNTRY East Germany

SUBJECT Proposed 1955 Production:
a. Elektrochemisches Kombinat Bitterfeld
b. Farbenfabrik Wolfen

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(FOR KEY SEE REVERSE)

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The following is a listing of the proposed 1955 production at VEB Elektrochemisches Kombinat Bitterfeld and VEB Farbenfabrik Wolfen:

A. Elektrochemisches Kombinat Bitterfeld.

1. Sulphur		2,600	tons
2. Sulphuric acid, regenerated		1,100	tons
3. Potash		13,300	tons gross
		13,190	tons net
	including	7,000	tons export
4. Caustic soda		63,200	tons gross
	including	10,100	tons solid
		42,900	tons net
	including	7,230	tons solid
5. Caustic potash		32,300	tons gross
		15,692	tons net
	including	8,992	tons pure and
		1,800	tons short on chlorine
	including	7,500	tons export
6. Chlorine, noncondensed		77,000	tons
7. Chlorine, liquid		19,900	tons gross
		13,780	tons net
8. Hydrochloric acid		40,700	tons gross
	including	9,700	tons of precipitated acid
		23,100	tons net

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9. Nitric acid		100,300	tons
10. Hydrogen, uncompressed		33,000	cu. m.
11. Hydrogen, compressed		740,000	cu. m.
12. Oxygen, uncompressed		1,350,000	cu. m.
13. Oxygen, compressed		400,000	cu. m.
14. Potassium permanganate		3,035	tons (695; 715; 800; 825;)
	including	1,500	tons Export
15. Nitrogen production: Proposed by EK Bitterfeld:		44,120	tons N total
	including	39,000	tons N in calcium-ammonium nitrate
		5,120	tons N ammonium nitrate (Ammonsalpeter)

DHZ demanded 7,600 tons of ammonium nitrate, as follows:

. .	17,000 tons	Schoenebeck
. .	4,532 tons	Gnaschwitz
.	34 tons	Agfa
.	86 tons	Piesteritz
Total	21,652 tons	= 7,600 tons N

The requirements of Schoenebeck and Gnaschwitz for 1955 are higher than 1954 since the stockpiles resulting from earlier imports from the USSR have been used up. Therefore, the following balance resulted.

Calcium ammonium nitrate	36,520 tons of N
Ammonium nitrate	7,600 tons of N
	44,120 tons of N

16. Chromic oxide, green		265	tons gross
		225	tons net
17. Phosphorus , red		140	tons
	including	125	tons export
18. Phosphorus , yellow		2,255	tons gross
		1,300	tons net
Requirements of Piesteritz		1,250	tons
Other requirements		20	tons
Export Plan 1955		160	tons

Thus, requirements could not be met. The demands of the Piesteritz enterprise are to be checked once more.

19. Other phosphorus compounds:

Total	510	tons gross
	480	tons net

Including: Phosphorus tri-chloride 180 tons gross 150 tons net including 80 tons export

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Phosphorus pentachloride 15 tons gross, 15 tons net including 10 tons export		
Phosphorus oxychloride		15 tons
Cotrellstaub *		300 tons
20. Barium carbonate		
Proposed by Bitterfeld		2,400 tons gross
		1,300 tons net

The DHZ suggested reducing this item by 400 tons and increasing barium chloride production by 290 tons.

Thus:		2,000 tons gross
		900 tons net
21. Barium chloride (including the increase)		1,500 tons gross
		1,290 tons net
22. Titanium dioxide		2,100 tons gross
		1,940 tons net
23. Potassium bichromate		5,200 tons gross
		3,480 tons net
		1,000 tons export
24. Potassium sulphate		180 tons
25. Sulphur chloride		7 tons
26. Soda bleaching lye		2,300 tons gross
		2,000 tons net
27. Calcium chloride		3,200 tons
28. Sodium chlorate		10,000 tons gross
		9,735 tons net
	including	7,500 tons export
29. Potassium chlorate		9,500 tons
	including	7,000 tons export
30. Ammonium nitrate		21,660 tons gross
		7,600 tons net
31. Nitrite nitrate lye (Nitrit-Nitrat-Lauge)		2,200 tons
32. Compressed air		24,000 cu. m.
33. Nitrogen		15,000 cu. m.
34. Calcium chloride solution		4,200 tons gross
		3,655 tons net
35. Calcium chloride, crystalized		500 tons gross
		415 tons net
36. Iron chloride		500 tons
	including	100 tons export

* Note Cotrellstaub is literally translated as "Cotrell dust".

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37. Cobalt sulfate		16 tons
According to the enterprise, the import of cobalt rondelles is necessary.		
38. Bromic acid		260 tons
39. Manganese carbonate		25 tons
40. Weldon mud (Manganschlamm)		120 tons
41. Manganite		280 tons
	including	120 tons export
42. Manganese chloride, containing water.	30 tons needed for export. More production is possible by purifying the chemical containing water.	10 tons
43. Manganese chloride, water-free		10 tons
44. Manganese hydroxide		20 tons
45. Molybdic acid		100 kg
46. Tungstic acid		17 tons
47. Tungstic acid, purest		17 tons
	Total	54 tons
48. Boron carbide		400 kg
49. Wolframite - decomposed		40 tons
50. Oxalic acid		2,400 tons gross
		2,305 tons net
	including	2,100 tons export
51. Flints		11 tons
52. Lighter fluid		240 thousand bottles
53. Methylene chloride		1,350 tons gross (330;335;340;345)
		1,200 tons net (295;300;300;305)
54. Carbon tetrachloride		6,600 tons
55. Formic acid, 100%		1,560 tons gross
		1,430 tons net
	including	1,400 tons export 85% or 1,250 tons 100%
56. Calcium formate		100 tons
57. Kofa salt (thawing salt)		300 tons
58. Chlorobenzene		4,170 tons gross
		600 tons net
59. o-Dichlorobenzene		250 tons
60. p-Dichlorobenzene		450 tons
61. Benzyl chloride		240 tons
62. Benzal chloride		90 tons
63. Benzoic trichloride		790 tons (for own use)
64. Benzoic acid		330 tons
65. Benzyol chloride		6 tons
66. Chloroform, technical		240 tons

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67. Chloral — 2,170 tons gross; 60 tons net

68. Chloral hydrate — 8 tons

69. Ferric formate — 14 tons

70. Basochrom — 840 tons

71. Chrome alum — 360 tons

72. Pest-control products, HCC-content:

Hexitan	10 tons	
Hexiton	5 tons	
Protexan	3 tons	
		18 tons

73. HCC/DDT Combination products:

Duplexan	3,600 tons	
Aerosol	12 tons	
Duplexol	20 tons	
Duplinon	67 tons	
Silvexol	1 ton	
		3,700 tons

74. Other pest control products:

Agrosan	70 tons		
Anforstan	200 tons		
Hegerein	620 tons		
Sprits-Hormit	370 tons	including	200 tons export
Staute hormin	715 tons		
			1,975 tons

75. DDT agents — 4,200 tons gross; 4,100 tons net

76. Cleaning products — 9,100 tons

77. Varnishes and paints, polymerisation base — 1,200 tons gross; 1,104 tons net

The plant itself needs 96 tons to produce enough Vinoflex paints for its own use.

78. Synthetic precious stones — 5,600 kg, (types I u.II. 3,600; and type III, 2,000)
including 4,000 kg export

79. Glue and adhesives, with synthetic base — 600 tons gross; 592 tons net
including 75 tons export

80. Tripolyphosphate — 1,800 tons gross; 1,500 tons net

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81. Phosphorkresol		8 tons
82. Acid-base putty		1,300 tons
83. Alkaline masseoit		60 tons
84. Thawing compound C		130 tons
85. Graphite, powdered		240 tons
86. Colloidal graphite		8 tons
87. Pentol		1,000 tons
88. Natro-clay		120 tons

B. Farbenfabrik Wolfen

1. Sulphuric acid		160,000 tons
	including	132,500 tons from Gypsum
		27,500 tons Kofa
2. Sodium sulphide		3,900 tons gross
		2,300 tons net
3. Sulphurous acids		14,000 tons gross
		8,000 tons net
4. Sodium sulphate		2,400 tons (for Agfa)
5. Caustic soda		17,500 tons gross
		10,000 tons net
6. Chlorine, noncondensed		15,500 tons
7. Chlorine, liquid		5,000 tons gross
Capacity = 6,000 tons		2,000 tons net
8. Hydrochloric acid		7,575 tons gross (3,720 tons synthetic)
		2,690 tons net
9. Nitric acid (40,000; 40,000; 35,000; 45,000)		160,000 tons

The drop in production in the third quarter of 1955 will be due to repairs on the furnaces. On this account also, there is no increase in production, in comparison to 1954, foreseen.

10. Hydrogen, non-compressed		3,200 tons for own use
11. Ising-glass, 100%		3,200 tons

Conversion factor to liquid ising-glass: 2.9.

12. Sodium nitrate (fertilizers)		3,500 tons
(technical)		6,200 tons
13. Calcium ammonium nitrate (fertilizers)		53,900 tons
	Control figure	56,000 tons

An increase in production is not possible since further amounts of nitric acid can not be drawn from the existing allocations of 10,000 tons.

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14. Ferric oxide, red	870 tons gross 830 tons net
15. Bromine	2,000 kg
16. Chlorosulfonic acid	1,650 tons gross 550 net
17. Zinc chloride (lye), 100%	470 tons gross 450 tons net
18. Bromine acetate	600 kg
19. Gold chloride	2,450 g
20. Iodine	360 kg
21. Potassium nitrate	9,900 tons
22. Potassium sulfite lye	20 tons
23. Silica gel, 1-6 mm.	90 tons
24. Indigo gel	5 tons
25. Sodium bisulphite lye, 100%	3,000 tons (for Agfa)
26. Sodium nitrate	3,200 tons gross 2,600 tons net
27. Silipur	26,000 tons
28. Sulfuryl chloride	108 tons
29. Thionyl chloride	100 tons
30. Vanadium-Kontakt masse	144 tons gross 129.6 tons net
31. Special fertilisers (for flowers)	1,000 tons
32. Organic dyes	7,278 tons
33. Dyes for varnish and pigments	252 tons
34. Dyes for the food industry	(illegible)
35. Other organic dyes (dyes for furs and Sudan dyes)	(illegible)

C. The control figure for nitric acid for 1955 was set at 270,000 tons of HNO_3. Thus, the following table:

Bitterfeld	100,300 tons
Wolfen	160,000 tons
Leuna	1,620 tons
total	261,920 tons
Leaving a deficit of	8,180 tons

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